

## **REMARKS:**

### **1. Introduction**

Applicants respectfully thank Examiner Chow and Examiner Mengistu for the courtesies extended in the personal interview of July 25, 2007.

Upon entry of the foregoing amendment, claims 1-3 and 5-30 are pending in the present application. Claim 4 has been cancelled, claims 1, 3, 5, 7-9, 11-13, 15-17, and 19-29 have been amended, and new claim 30 has been added. No new matter is being presented. In view of the following remarks, allowance of claims 1-3 and 5-30 is respectfully requested.

### **2. Claim Numbers**

In the Office Action, the Examiner objected to the misnumbered claims. Applicants respectfully submit herewith the renumbered claims 21-29 with markings to show changes.

### **3. Amendments to the Drawings**

In the Office Action, the Examiner indicated that Figure 10 should be labeled "Prior Art." In accordance with the Examiner's suggestion, Applicants submit herewith amended Figure 10, which is labeled "Prior Art."

Additionally, Applicants are amending Figures 1 and 7 to show that transmission coils 111 and 112 are disposed in the same area as the sensor coils 114 and 115 in order to make the drawings more consistent with the detailed description. In particular, these changes are being made based on the description provided at page 13, lines 17-20 and page 28, lines 13-16 of Applicants' specification. Therefore, these changes are not new matter.

### **4. Claim Amendments**

As a preliminary matter, Applicants have amended claims 1, 3, 5, 7-9, 11-13, 15-17, and 19-29 only to clarify the subject matter being claimed by the Applicants. For example, Applicants have incorporated dependent claim 4 into independent claim 1. Additionally, Applicants have amended the claims to recite "position pointer exciting

signal” and “position indicating signal,” among other things. These amendments are clearly supported by the specification at, for example, Figure 2 and page 18, line 23 through page 19, line 19.

#### **5. Personal Interview of July 25, 2007**

On July 25, 2007, Applicants’ representative met with Examiner Chow and Supervisory Patent Examiner Mengistu to discuss the anticipation type rejection asserted in the Office Action of May 17, 2007. In the personal interview, it was agreed that the subject matter of independent claims 1, 9, and 17 is not anticipated by U.S. Patent No. 6,888,538 to Ely et al. irrespective of any clarifying amendments that are being presented herewith. *See* Interview Summary (PTOL-413).

In view of this agreement, Applicants respectfully submit that independent claims 1, 9, and 17 are patentable over Ely et al.

It is respectfully submitted that dependent claims 2, 3, 5-8, 10-16, and 18-24 are allowable over Ely et al., at least, by virtue of their dependency on one of the allowable independent claims 1, 9, and 17, respectively.

#### **6. Claims 25-29**

Independent claim 25 has been amended to recite, among other things, “providing, in the position detector, a plurality of sensor coils defining a sensor area and at least one transmission coil ... being arranged in the sensor area in an overlapping manner with the sensor coils, said transmission coil ...” and “energizing said transmission coil ... for inducing current in the transmission coil in a first direction when the position pointer is detected in a first region of the sensor area and inducing current in the transmission coil in a second direction when the position pointer is detected in a second region of the sensor area.” Ely et al. does not disclose, teach, or suggest these features.

Regarding claims 26-29 it is respectfully submitted that for at least the reason that claims 26-29 depend from allowable independent claim 25, and therefore contain each of the features as recited in this claim, claims 26-29 are therefore also patentable over Ely et al.

## **7. New Claim**

New claim 30 has been added to the application. New independent claim 30 provides an alternate recitation of the present invention, and recites features which are not taught or suggested in the references made of record. For example, claim 30 recites “a plurality of transmission coils for transmitting a pointer exciting signal to the position pointer, said transmission coils disposed to, at least partially, overlap with said sensor coils in said sensor area; and a transmission coil selector for selectively driving current in said transmission coils so that the pointer exciting signal transmitted to the position pointer maintains the same polarity regardless of the position of the position pointer with respect to the sensor area.” Applicants submit that new claim 30 is clearly supported by Figures 1, 3, and 7 of the specification and the corresponding portion(s) of the detailed description.

It is respectfully submitted by Applicants that new claim 30 is allowable over all the references cited on the record. Accordingly, Applicants respectfully request that the Examiner allow this claim.

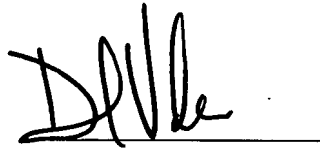
## 8. Conclusion

It is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, there being no other objections or rejections, this application is in condition for allowance, and a notice to this effect is earnestly solicited.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided below.

A \$200 fee for an additional claim is being incurred by this amendment. If any further fees are required in connection with the filing of this amendment, please charge the same to our Deposit Account debit Account 50-0548.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'D. Valencia', is written over a horizontal line.

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